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RYOBI OBL1820S

Ryobi OBL1820S 18V ONE+ Cordless Blower User Manual

Model: OBL1820S

1. INTRODUCTION AND OVERVIEW

The Ryobi OBL1820S 18V ONE+ Cordless Blower is designed for efficient clearing of leaves and debris from hard surfaces such as decks, patios, and driveways. This lightweight and cordless tool provides an airflow of 245 km/h, making it suitable for various garden clearing tasks. It features a comfortable GripZone over-mould handle for extended use.

This manual provides essential information for the safe and effective operation, assembly, maintenance, and troubleshooting of your Ryobi OBL1820S blower. Please read it thoroughly before first use and retain it for future reference.



Image 1.1: The Ryobi OBL1820S 18V ONE+ Cordless Blower, a lightweight and ergonomic tool for garden maintenance.

2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Familiarize yourself with all safety warnings and instructions.

General Safety Warnings:

- **Eye Protection:** Always wear safety glasses with side shields or goggles when operating the blower.
- **Hearing Protection:** Use hearing protection during extended operation.
- **Secure Footing:** Ensure stable footing, especially when working on uneven or slippery surfaces.
- **Keep Clear:** Keep children, bystanders, and pets at a safe distance (at least 15 meters / 50 feet) from the operating area.
- **Inspect Work Area:** Before starting, clear the area of objects that could be thrown by the air stream, such as rocks, broken glass, or metal pieces.
- **Proper Attire:** Wear long pants, long sleeves, and sturdy footwear. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Battery Safety:** Use only Ryobi 18V ONE+ batteries and chargers. Do not expose batteries to water or extreme temperatures.
- **Avoid Wet Conditions:** Do not operate the blower in rain or wet conditions.
- **Never Point at People/Animals:** Direct the air stream away from people, animals, or fragile objects.
- **Storage:** Store the blower indoors in a dry, secure place, out of reach of children.

3. PACKAGE CONTENTS

Upon unpacking, ensure all items listed below are present and undamaged. If any parts are missing or damaged, contact your retailer or Ryobi customer service.

- 1 x Ryobi OBL1820S 18V ONE+ Cordless Blower
- 1 x Blower Nozzle
- 1 x Instruction Manual

Note: This product is sold as a 'bare' tool. The battery and charger are not included and must be purchased separately. It is compatible with all batteries and chargers across the Ryobi 18V ONE+ system.



Image 3.1: Graphic indicating that the battery and charger are sold separately.

4. ASSEMBLY AND SETUP

4.1 Attaching the Blower Nozzle

1. Align the grooves on the blower nozzle with the corresponding slots on the blower housing.
2. Push the nozzle firmly onto the blower housing until it clicks into place, ensuring it is securely fastened.

4.2 Installing the Battery Pack

Ensure the battery pack is fully charged before installation.

1. Align the ribs on the battery pack with the grooves in the blower's battery port.
2. Slide the battery pack into the blower until it locks securely into place. You should hear a 'click'.
3. To remove the battery, press the release button on the battery pack and slide it out.



Image 4.1: A user demonstrating the correct method for inserting the 18V ONE+ battery into the blower.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Blower

1. **To Start:** With the battery securely installed, press and hold the trigger switch located on the handle. The blower will start immediately.
2. **To Stop:** Release the trigger switch. The blower will stop.

5.2 General Operation Tips

- **Sweeping Motion:** Use a side-to-side sweeping motion to gather leaves and debris into piles.
- **Hard Surfaces:** The OBL1820S is ideal for hard surfaces like driveways, patios, and decks.
- **Optimal Angle:** Hold the blower nozzle a few inches above the ground for maximum effectiveness.
- **Wind Conditions:** Work with the wind, not against it, to maximize efficiency.
- **Battery Life:** The operating time will vary depending on the battery capacity and the intensity of use.



Image 5.1: A user clearing leaves from a wooden deck with the Ryobi OBL1820S cordless blower.



Image 5.2: A user demonstrating the portability of the Ryobi OBL1820S while clearing leaves from a garden path.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your blower. Always remove the battery pack before performing any maintenance.

6.1 Cleaning

- **Exterior:** Wipe the exterior of the blower with a clean, damp cloth. Do not use strong detergents or solvents.
- **Air Vents:** Keep the air vents free from dust and debris to prevent overheating. Use a soft brush or compressed air if necessary.
- **Nozzle:** Ensure the blower nozzle is clear of any obstructions.

6.2 Battery Care

- Store battery packs in a cool, dry place, away from direct sunlight and moisture.
- Do not store battery packs in a discharged state for extended periods. Charge them periodically if not in use.
- Avoid exposing battery packs to extreme temperatures.

6.3 Storage

- Remove the battery pack from the blower before storing.
- Store the blower in a dry, well-ventilated area, protected from frost and direct sunlight.
- Keep the blower out of reach of children and unauthorized persons.

7. TROUBLESHOOTING GUIDE

If you encounter issues with your Ryobi OBL1820S blower, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Blower does not start	Battery not installed correctly	Ensure battery is fully inserted and locked into place.
	Battery is discharged	Charge the battery pack fully.
	Trigger switch faulty	Contact customer service for repair.
Reduced airflow	Nozzle or air vents obstructed	Remove battery, then clear any debris from the nozzle or air vents.
	Battery charge low	Recharge or replace the battery pack.
Blower overheats	Air vents blocked	Remove battery, clear air vents. Allow blower to cool down.
	Continuous heavy use	Allow the blower to rest and cool down periodically during heavy use.

8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the Ryobi OBL1820S 18V ONE+ Cordless Blower:

Feature	Specification
Model Name	OBL1820S
Brand	RYOBI
Power Source	DC (Battery Powered)
Voltage	18 Volts
Airflow Speed	245 km/h
Form Factor	Handheld
Special Feature	Cordless
Noise Level	78 Decibels
Item Weight	1.6 Kilograms (approx. 3.52 pounds)
Included Components	1 X 18V ONE+ Cordless Blower
Batteries Required	Yes (18V ONE+ battery, sold separately)

9. WARRANTY AND CUSTOMER SUPPORT

9.1 Warranty Information

The Ryobi OBL1820S 18V ONE+ Cordless Blower comes with a **3-year warranty** for quality assurance. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For full details regarding warranty terms and conditions, please refer to the official Ryobi website or the warranty card included with your product.

9.2 Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Ryobi customer support through their official website or the contact information provided in your product documentation.

Before contacting support, please have your product model number (OBL1820S) and proof of purchase readily available.